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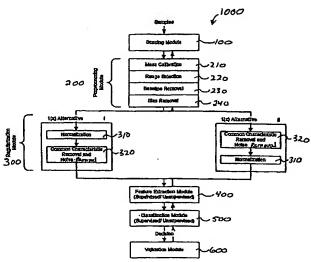
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(54) Title: APPARATUS AND METHOD FOR REMOVING NON-DISCRIMINATORY INDICES OF AN INDEXED DATASET



(57) Abstract: The present invention provides a device and method for removing non-discriminatory indices of an indexed dataset using ensemble statistics analysis. The device may include a data removal module (320) for removing non-discriminatory indices. For example, the data removal module (320) may comprise a common characteristic removal module and/or a noise removal module. In addition, the data analyzer (300) may comprise a normalization means (310) for normalizing the indexed data. The method of the present invention comprises the steps of identifying and removing portions of the set of data having insufficient discriminatory power based on ensemble statistics of the set of indexed data. For example, the method may include the steps of identifying and removing common characteristics and/or noise portions of the set of indexed data. In addition, the method may comprise the step of normalizing the indexed data either prior to or after the step of removing portions of the set of data.



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